

NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

362 - DIVERSION

1. SCOPE

This work shall consist of clearing, stripping, excavating, filling, compacting, shaping and grading as necessary for construction of the diversion at the location(s) shown on the drawings or as staked in the field.

Prior to commencing construction, public utilities shall be notified in accordance with N.Y.S. Industrial Code 753.

2. MATERIALS

The earth material used in constructing the diversion shall be obtained from the diversion channel and cut slope or other approved sources. It shall be free of frozen particles, brush, roots, sod, stones over 6 inches in diameter, or other objectionable materials.

3. FOUNDATION PREPARATION

The base area of the ridge section shall be stripped of sod and unsuitable material and scarified prior to placing fill. Topsoil shall be removed, stockpiled, and replaced on the diversion after construction.

4. EARTHWORK

The diversion shall be constructed to the applicable cross-sections, lines, grades, and elevations shown on the drawings.

All trees, brush, stumps and other objectionable materials shall be disposed of so that they will not interfere with construction or proper functioning of the diversion.

All earth excavated and not needed in the construction of the diversion shall be spread adjacent to the diversion or shall be disposed of so that it will not interfere with proper functioning of the diversion. Disposal shall be in the area shown on the drawings or as specified in Section 7. All spoil and disposal areas shall be graded smooth and shall be free draining.

5. FILL PLACEMENT

Fill shall not be placed on a frozen surface. Fill shall be placed in uniform horizontal layers not to exceed 9 inches, and compacted as specified in Section 7. The moisture content of the material shall be sufficient to obtain firm compaction. Compaction shall be accomplished by the routing of construction equipment over the fill such that the entire surface of each layer will be traversed by not less than one track width of the construction equipment being used or equivalent methods approved by the approving official or designated representative.

6. MEASUREMENT AND PAYMENT

Method 1

For items of work for which specific unit prices are established in the contract, the length of the diversion will be measured to the nearest linear foot along the centerline of the channel. Payment for the diversion will be made at the contract unit price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Method 2

For items of work for which specific lump sum prices are established in the contract, the quantity of diversion will not be measured. Payment for the diversion will be made at the contract lump sum price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Compensation for any item of work described in the contract but not listed in the bid schedule will be included in the payment for the item of work to which it is made subsidiary. Such items and the items to which they are made subsidiary are identified in Section 7.

7. ITEMS OF WORK AND ADDITIONAL CONDITIONS: